**UNDERSTAND**

*“Understand” is used in these standards to mean that students can explain the concept with mathematical reasoning, including* ***CONCRETE*** *ILLUSTRATIONS,*

*MATHEMATICAL* ***REPRESENTATIONS,*** *and example*

***ABSTRACT*** *APPLICATIONS.*

**Students who can understand a concept can:**

*a. use it to make sense of and explain quantitative situations, i.e. “model with mathematics”*

*b. incorporate it into their own arguments and use it to evaluate the arguments of others, i.e. “construct viable arguments and critique of the reasoning of others”*

*c. bring it to bear on the solutions to problems, i.e. “make sense of problems and persevere in solving them”*

*d. make connections between it and related concepts*

*At a given grade level, students demonstrate all of a. through d. over the collection of “understand” standards. For any given “understand” standard, students demonstrate at least two of a. through d.*